



CATALOGUE
OF
BOWDOIN COLLEGE
AND THE
MEDICAL SCHOOL OF MAINE
1891-92

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AND THE

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1891-92

BRUNSWICK

1891

BOWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions, of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The College was named in honor of JAMES BOWDOIN, a graduate of Harvard in 1745, a delegate to the first Congress in Philadelphia, the President of the Convention which adopted the Constitution of Massachusetts, and subsequently Governor of the State. In addition to his civil honors he was a member of various foreign societies, the first President of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the College was the Hon. James Bowdoin, son of the Governor. He was graduated at Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary to the Court of Spain, and Associate Minister to the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the College. During his life-time he gave land, money, and apparatus to the College, and at his death it became, by will, his residuary legatee.

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Professor of Medical Jurisprudence.

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* Arranged, with exception of the President, in order of graduation.

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Professor of Geology and Biology.

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Natural Science.

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Longfellow Professor of Modern Languages.

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ALBERT WALTER TOLMAN, A.M.,

Instructor in Rhetoric and Elocution.

* GEORGE TAYLOR FILES, A.B.,

Instructor in German.

HENRY EASTMAN CUTTS, A.B.,

Assistant in Chemistry.

RALPH HUDSON HUNT, A.B.,

Assistant in Biology.

* In Europe on leave of absence.

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UNDERGRADUATES.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Samuel Belcher Abbott,	<i>Farmington,</i>	22 ¹ A. H.
Percy Bartlett,	<i>Ellsworth,</i>	5 A. H.
Roy Fairfield Bartlett,	<i>Caribou,</i>	5 A. H.
Joel Bean, Jr.,	<i>Presque Isle,</i>	28 M. H.
Frank Howard Cothren,	<i>Brooklyn, N. Y.,</i>	9 M. H.
George Downes,	<i>Calais,</i>	7 W. H.
Frank Durgin,	<i>Cornish,</i>	26 A. H.
Henry Crosby Emery,	<i>Ellsworth,</i>	5 M. H.
Herbert Tobey Field,	<i>Belfast,</i>	9 A. H.
Leon Melcher Fobes,	<i>Portland,</i>	22 W. H.
Thomas Henry Gately, Jr.,	<i>Portland,</i>	29 M. H.
Fred Vincent Gummer,	<i>Brunswick,</i>	27 M. H.
Herbert Reed Gurney,	<i>Whitman, Mass.,</i>	26 M. H.
Arthur Lyndon Hersey,	<i>Portland,</i>	8 M. H.
Will Osmar Hersey,	<i>Pembroke,</i>	25 A. H.
John Fernald Hodgdon,	<i>South Berwick,</i>	29 A. H.
John Carpenter Hull,	<i>Woodfords,</i>	28 A. H.
William Beaman Kenniston,	<i>Boothbay Harbor,</i>	9 M. H.
Harry Woods Kimball,	<i>Woodfords,</i>	24 M. H.
Theodore Studley Lazell,	<i>Rockland,</i>	5 M. H.

Lyman Kingman Lee,	<i>Foxcroft,</i>	27 M. H.
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Roland William Mann,	<i>Bangor,</i>	7 M. H.
Alfred Mitchell Merriman,	<i>North Harpswell,</i>	Mr. Coombs's.
James David Merriman,	<i>Litchfield,</i>	9 W. H.
Thomas Flint Nichols,	<i>Brunswick,</i>	Mr. Nichols's.
Ervine Dewey Osborne,	<i>Gorham,</i>	17 A. H.
Samuel Leon Parcher,	<i>Biddeford,</i>	7 W. H.
Charles Melvin Pennell,	<i>No. Harpswell,</i>	Mr. Merriman's.
Howard Wellington Poore,	<i>South Bridgton,</i>	22 A. H.
Everett Alberton Pugsley,	<i>Rochester, N. H.,</i>	15 M. H.
Winfield Scott Randall,	<i>West Harpswell,</i>	15 M. H.
Charles Selwyn Rich,	<i>Portland,</i>	22 W. H.
Harold Robinson Smith,	<i>North Whitefield,</i>	26 M. H.
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John Moss Wathen,	<i>Fredericton, N. B.,</i>	Miss Thompson's
Edward Haven Wilson,	<i>Denmark,</i>	29 A. H.
Earl Boynton Wood,	<i>Bangor,</i>	8 A. H.
Ernest Boyen Young,	<i>Brunswick,</i>	7 M. H.

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Sanford Oscar Baldwin,	<i>Topsham,</i>	3 W. H.
Byron Fuller Barker,	<i>Bath,</i>	8 W. H.
Charles Calvin Bucknam,	<i>Eastport,</i>	20 A. H.
Elmer Howard Carleton,	<i>Dresden,</i>	9 A. H.
Weston Percival Chamberlain,	<i>Bristol,</i>	23 M. H.
George Scott Chapin,	<i>Auburndale, Mass.,</i>	15 A. H.
Milton Sherburne Clifford,	<i>Bangor,</i>	10 A. H.
Harry Smith Emery,	<i>Buxton Centre,</i>	6 M. H.
Harry Clifton Fabyan,	<i>Portland,</i>	26 W. H.
Reginald Rusden Goodell,	<i>Cumberland Mills,</i>	20 A. H.
Arthur Sewall Haggett,	<i>Newcastle,</i>	3 A. H.
Charles Henry Howard,	<i>South Paris,</i> Mrs. Howard's.	
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Alley Rea Jenks,	<i>Houlton,</i>	24 W. H.
Albert Marshall Jones,	<i>Gorham,</i>	6 M. H.
Jesse White Lambert,	<i>Wiscasset,</i>	17 W. H.
George Wood McArthur,	<i>Biddeford,</i>	12 M. H.

George Stover Machan,	<i>Argenta, Ill.,</i>	3 W. H.
John Shepard May,	<i>Boston, Mass.,</i>	13 A. H.
Herbert Augustine Owen,	<i>Buxton Centre,</i>	12 W. H.
Richard Conant Payson,	<i>Portland,</i>	12 A. H.
Clarence Webster Peabody,	<i>Portland,</i>	26 W. H.
John Higgins Pierce,	<i>Portland,</i>	12 A. H.
Edward Turner Ridley,	<i>Topsham,</i>	Mr. Ridley's.
Charles Hale Savage,	<i>Auburn,</i>	5 W. H.
Frederick Milton Shaw,	<i>Gorham,</i>	6 W. H.
Philip Morton Shaw,	<i>Gorham,</i>	10 W. H.
George Wilder Shay,	<i>Albion,</i>	17 A. H.
Lucian Stacy,	<i>Kezar Falls,</i>	30 A. H.
Fred Parker Whitney,	<i>Presque Isle,</i>	28 M. H.
Henry Merrill Wilder,	<i>Brownville,</i>	13 M. H.

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NAME.	RESIDENCE.	ROOM.
William Fernald Allen,	<i>Portland,</i>	22 M. H.
John Wendall Anderson,	<i>Togus,</i>	21 M. H.
Harry Edwin Andrews,	<i>Kennebunk,</i>	11 M. H.
Archie Guy Axtell,	<i>Winthrop,</i>	
Harry Lee Bagley,	<i>Jonesport,</i>	25 M. H.
Rupert Henry Baxter,	<i>Portland,</i>	11 A. H.
Alfred Veazie Bliss,	<i>Bangor,</i>	16 A. H.
Frank Ellsworth Briggs,	<i>Mechanic Falls,</i>	20 W. H.
Harry Edgar Bryant,	<i>Saco,</i>	28 W. H.
Samuel Preble Buck, Jr.,	<i>West Woolwich,</i>	32 M. H.
Arthur Chapman,	<i>Woodfords,</i>	23 A. H.
Trelawney Clarendale Chapman, Jr.,	<i>Springfield, Mass.,</i>	20 W. H.
William Eugene Currier,	<i>Leicester, Mass.,</i>	15 W. H.
Francis William Dana,	<i>Portland,</i>	10 A. H.
Frank George Farrington,	<i>Augusta,</i>	21 M. H.
Charles Allcott Flagg,	<i>Boston, Mass.,</i>	16 M. H.
Fred Whitney Flood,	<i>Ellsworth Falls,</i>	13 A. H.
Fred Weston Glover,	<i>Rockland,</i>	25 W. H.
Frank Herbert Haskell,	<i>East Windham,</i>	19 M. H.

Rufus Henry Hinkley, Jr.,	<i>Portland,</i>	16 A. H.
Hiram Lionel Horsman,	<i>Princeton,</i>	25 M. H.
Frank Herbert Knight,	<i>Deering,</i>	28 A. H.
Charles Milton Leighton,	<i>Portland,</i>	21 A. H.
James Atwood Levensaler,	<i>Thomaston,</i>	10 M. H.
Fred Joseph Libby,	<i>Richmond,</i>	15 W. H.
George Curtis Littlefield,	<i>Saco,</i>	28 W. H.
Albert Jones Lord,	<i>Ellsworth,</i>	2 A. H.
George Anthony Merrill,	<i>Pownal,</i>	32 A. H.
Clarence Edward Michels,	<i>Brunswick,</i>	Mr. Michels's.
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William Widgery Thomas, 2d,	<i>Portland,</i>	6 A. H.
William Putnam Thompson,	<i>Bath,</i>	21 W. H.
Bennie Bradford Whitecomb,	<i>Ellsworth,</i>	3 A. H.
Harry Cooley Wilbur,	<i>Portland,</i>	22 M. H.

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Elmar Trickey Boyd,	<i>Bangor,</i>	24 A. H.
Bert Lewis Bryant,	<i>Bethel,</i>	31 A. H.
Charles Sumner Christie,	<i>St. Albans,</i>	15 A. H.
Allen Leon Churchill,	<i>Houlton,</i>	14 A. H.
James Winchell Crawford,	<i>Brunswick,</i>	Mr. Crawford's.
Ami Louis Dennison,	<i>Jay,</i>	17 W. H.
Leroy S Dewey,	<i>Cooper,</i>	14 M. H.
Thomas Vincent Doherty,	<i>Houlton,</i>	14 A. H.
Herbert John Dudley,	<i>Pembroke,</i>	25 A. H.
Hiland Lockwood Fairbanks,	<i>Bangor,</i>	7 A. H.
Fred Lincoln Fessenden,	<i>South Bridgton,</i>	54 Federal St.
John Applebee Ford,	<i>Bowdoinham,</i>	18 W. H.
George Henry Dunton Foster,	<i>Portland,</i>	31 W. H.
John Shaw French,	<i>Norway,</i>	19 A. H.
Walter Frank Haskell,	<i>Westbrook,</i>	14 W. H.

Louis Clinton Hatch,	<i>Bangor,</i>	24 A. H.
James Everett Hicks,	<i>West Sumner,</i>	Mrs. Fuller's.
Herbert Edgar Holmes,	<i>Lewiston,</i>	30 M. H.
Newell Gratz Jackson,	<i>Wiscasset,</i>	12 W. H.
George Lincoln Kimball,	<i>Waterford,</i>	19 A. H.
Walter Scott Abbott Kimball,	<i>Portland,</i>	31 W. H.
John Greenleaf Whittier Knowlton,	<i>Bath,</i>	14 W. H.
John Owen Ledyard,	<i>Bath,</i>	Mrs. Thompson's.
William Elston Leighton,	<i>Deering,</i>	23 A. H.
Charles Edward Dinmock Lord,	<i>Biddeford,</i>	Mrs. Small's.
Edward Sweet Lovejoy,	<i>Augusta,</i>	Elm House.
Frank Herbert Mead,	<i>Bridgton,</i>	54 Federal St.
Alfred Mitchell, Jr.,	<i>Brunswick,</i>	11 M. H.
Hoyt Augustus Moore,	<i>Ellsworth,</i>	2 A. H.
Alonzo William Morelen,	<i>Bremen,</i>	32 M. H.
Ralph Taylor Parker,	<i>Lebanon,</i>	30 W. H.
Seth Ellis Pope,	<i>Gardiner,</i>	30 M. H.
John Henry Richardson,	<i>Brunswick,</i>	Mr. Richardson's.
Joseph Harris Roberts,	<i>Buffalo, N. Y.,</i>	Mrs. Elliot's.
William Rowland Robinson,	<i>Kennebunk,</i>	14 M. H.
Harry Bertram Russ,	<i>Freeport,</i>	27 A. H.

Sewall Reeves Savage,	<i>Augusta.</i>	1 A. H.
Joseph Thompson Shaw,	<i>Gorham,</i>	6 W. H.
George Eaton Simpson,	<i>Newcastle,</i>	31 M. H.
Fred Ossian Small,	<i>Madrid,</i>	18 W. H.
Harlan Page Small,	<i>Biddeford,</i>	Mrs. Small's.
Perley Dennison Smith,	<i>Waterbury, Ct.,</i>	Mrs. Merrill's.
Lewis Franklin Soule,	<i>Phillips,</i>	Mr. Bennett's.
Arthur Harvey Stetson,	<i>Bath,</i>	8 W. H.
Philip Dana Stubbs,	<i>Strong,</i>	32 W. H.
Harvey Waterman Thayer,	<i>Limington,</i>	Mrs. Howard's.
Henry Burton Ward,	<i>Freeport,</i>	32 A. H.
George Curtis Webber,	<i>Auburn,</i>	32 W. H.
Arthur Goodwin Wiley,	<i>Bethel,</i>	31 A. H.
Gorham Henry Wood,	<i>Bangor,</i>	8 A. H.
Ernest Roliston Woodbury,	<i>Castine,</i>	24 M. H.

PURSUING SPECIAL COURSES.

Fred Bennett Colby,	<i>Auburn,</i>	13 W. H.
Fred Crockett Hanscom,	<i>Bar Mills,</i>	54 Federal St.
Charles Leonard Stone,	<i>Paris,</i>	13 W. H.

ADMISSION TO THE COLLEGE.

Candidates for admission to the Freshman Class are examined in the following subjects, text-books being mentioned in some instances to indicate more exactly the amount of preparatory work required. Equivalents will be accepted so far as they refer to books and authors.

Latin Grammar, including Prosody. The Roman pronunciation is used in college instruction and is therefore recommended.

Latin Prose Composition — Daniell's Exercises.

Cæsar — Gallic War, Books I–IV.

Cicero — Orations against Catiline, for the Poet Archias, and two others.

Virgil — *Æneid*, Books I–VI.

Translation at sight of easy passages from Cæsar and Cicero.

Greek Grammar.

Greek Prose Composition.

Xenophon — *Anabasis*, Books I–IV.

Homer — *Iliad*, Books I–II.

Translation at sight of easy passages from Xenophon.

Ancient Geography.

Outlines of Greek and Roman History.

Arithmetic, especially common and decimal fractions, interest, and square root, and the metric system.

Algebra, as far as logarithms in Wentworth's Treatise.

Plane Geometry.

English Grammar and Composition.—Each applicant will be required to write a short composition based on standard works in English Literature. The subjects will be drawn from two or three of the following works :

For 1892—Shakespeare's *Julius Cæsar* and *As You Like It*; Scott's *Marmion*; Longfellow's *Courtship of Miles Standish*; The Sir Roger de Coverley Papers in the *Spectator*; Macaulay's second Essay on the Earl

of Chatham; Webster's first Bunker Hill Oration; Irving's *Alhambra*; Scott's *Talisman*; George Eliot's *Scenes from Clerical Life*; Hawthorne's *House of the Seven Gables*.

For 1893—Shakespeare's *Julius Cæsar* and *Twelfth Night*; Scott's *Marmion*; Longfellow's *Courtship of Miles Standish*; The Sir Roger de Coverley Papers in the *Spectator*; Macaulay's second Essay on the Earl of Chatham; Emerson's *American Scholar*; Irving's *Sketch Book*; Scott's *Ivanhoe*; Dickens's *David Copperfield*.

For 1894—Shakespeare's *Julius Cæsar* and *Merchant of Venice*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; The Sir Roger de Coverley Papers in the *Spectator*; Macaulay's second Essay on the Earl of Chatham; Emerson's *American Scholar*; Irving's *Sketch Book*; Scott's *The Abbot*; Dickens's *David Copperfield*.

For 1895—Shakespeare's *Merchant of Venice* and *Twelfth Night*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*; Longfellow's *Evangeline*; The Sir Roger de Coverley Papers in the *Spectator*; Macaulay's Essay on Milton, Essay on Addison; Webster's first Bunker Hill Oration; Irving's *Sketch Book*; Scott's *The Abbot*.

PRELIMINARY EXAMINATIONS.

Students who have not completed their preparatory course, but who pass a satisfactory examination in Arithmetic, Latin Grammar, Cæsar, and one other Latin author, Greek Grammar and Xenophon's *Anabasis*, may receive a certificate excusing them from examination in these subjects the following year. Such certificates will be given for neither more nor less than subjects mentioned.

Candidates for admission to the Sophomore, Junior, and Senior classes are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class, as in the examination on the preparatory course. No one is admitted to the Senior class after the beginning of the second term.

The regular examinations for admission to college are held in Massachusetts Hall, in Brunswick, on the Friday and Saturday after Commencement, June 24 and 25, 1892, and on the Friday and Saturday before the opening of the first term, September 9 and 10, 1892. At each examination attendance is required at 8.30 A.M. on Friday. The examination is chiefly in writing.

Examinations for admission to the Freshman class are also held, at the close of their respective school years, at Wash-

ington Academy, East Machias, and at Fryeburg Academy, these schools having been made Special Fitting Schools for the College by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the College.

In view of the expense and inconvenience often accompanying the attendance of candidates in Brunswick during Commencement week, the Faculty will furnish the principal of any academy or high school having a regular course preparatory for college of at least three years' duration, with printed examination papers for the use of such pupils as he believes prepared to enter college, provided they desire to join the next Freshman class.

The examinations are to be conducted by the principal on June 10 and 11, 1892, and the results at once sealed and sent by mail to the President. A report of the examination will be made to the principal and also to the candidates by Commencement Day.

Testimonials of good moral character must in all cases be received before tickets of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be examined, must present a certificate of regular dismissal.

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his Term Bills and any other charges that may arise under the College Laws. A blank form for this purpose will be given with the ticket of admission.

SPECIAL STUDENTS.

Persons who give evidence of maturity, earnestness of purpose, and adequate preparation will be allowed to pursue special studies, either by themselves or in connection with the regular classes, without becoming matriculated members of the College.

THE COURSE OF STUDY.

The course of study is adapted solely and strictly to students desiring a liberal education. Every student must acquire the discipline of Algebra, Geometry, and Trigonometry, ability to read Latin, Greek, French, and German, and an elementary knowledge of Hygiene, Elocution, Rhetoric, Logic, Physics, Chemistry, Geology, Astronomy, Psychology, Ethics, and Political Economy. The required studies occupy the whole of the Freshman year, and one-half of each of the last three years. The remainder of the curriculum is elective, and includes courses in Botany, Zoölogy, Physiology and Histology, Chemistry, Physics, and Astronomy, on the side of natural science; and courses in Latin, Greek, French, German and English Literature, Bible Study, History, Sociology, and the Science of Government, on the side of literature and the life of man.

PHILOSOPHY.

The course in Philosophy includes Psychology, History of Philosophy, and Ethics. Psychology is taught with constant reference to its practical bearings, the aim being to apply the laws of the mind to the formation of correct habits of reading and thinking, rational methods of teaching, an effective style of writing and speaking, and a healthy and vigorous intellectual life.

It is the aim of the study of the History of Philosophy to familiarize the student with the spirit and method of speculative thought, and to stimulate inquiry and reflection on the grounds of rational certitude and religious faith.

The course in Ethics includes a review of modern ethical systems, from Hobbes and Kant to Spencer and Green, and concludes with a presentation of the more prominent particular duties which are essential to man's realization of himself as a social and spiritual being.

HISTORY AND POLITICAL SCIENCE.

History is offered as an elective throughout Junior year. The first two terms are given to English History down to the Revolution of 1688, and Modern European History occupies the third term. While a knowledge of the important political facts as presented in the text-book is required, particular stress is laid upon the economic and social life of the people and upon constitutional development. Modern History is treated as largely concerned with the growth of the two great ideas of nationality and democracy. The study of historical documents and contemporary accounts is believed to afford the best inspiration even in elementary work. A course in United States History is offered in the third term of Senior year in which special attention is given to economic and constitutional development.

The work in Political Economy of the second term of Senior year is fundamental. The method is analytic and historical rather than dogmatic. There is also offered to the Seniors an elective in Political Science and Sociology running through the year. Political Science, with the history of political institutions, is first considered. The second term is given to the history of social institutions, including prehistoric sociology and anthropology; and the third term to contemporary and applied sociology, embracing the problems of criminology, pauperism, city aggregations, and kindred topics.

RHETORIC, ORATORY, AND ENGLISH LITERATURE.

In the department of Rhetoric, Oratory, and English Literature it is the aim of the college to give, so far as it can be done in the time allowed to these studies, familiarity with the principles of Rhetoric and Logic; facility in the application of these principles in the actual work of composition; a natural and effective method of elocution and oratory; and an acquaintance with the history of English literature and criticism, together with a more minute and critical knowledge of some of its masterpieces.

Practical exercises in Elocution and Declamation in Freshman year are followed in the Sophomore and Junior years by

Careful text-book study of the principles of Rhetoric and of Logic, both deductive and inductive, and by the writing of themes on assigned subjects, which are criticised and corrected by the instructor in charge. Bacon's *Essays*, and sometimes Milton's *Areopagitica*, are also studied, as an elective course, in Sophomore year. In Junior year there is a required course in practical Rhetoric made up of extemporaneous composition, the delivery of original declamations, and critical study of literary style. There is an elective course in English Literature through the whole of the Senior year, covering, by lectures, the history and development of the literature from the earliest times to the nineteenth century, together with special study in the class-room of the Prologue to Chaucer's *Canterbury Tales* and some of the *Tales*, and of five or six of the plays of Shakespeare.

GREEK.

The study of Greek is required through Freshman year, and is continued as a full elective through Sophomore year, and as a two-hour course during the last two years. Xenophon is the author first studied. To insure the students attaining a certain mastery of the language, one hour of each week is given to the study of Prose Composition, while oral translation into Greek and reading at sight occupy a part of every recitation hour. In the second term, the *Odyssey* is read, and in the third term, the Gospel of Luke. During the Fall term the Sophomores read a play of Sophocles, or Euripides in the original, and two more plays in translation, and study the Greek theatre and the mode of producing plays at Athens. The second term's work is in Lysias or Demosthenes, and selections from Thucydides or Herodotus are read in the third. In the Junior and Senior years, one term is devoted to archæology, and the remainder of the time to the study of the following authors: Plato, Aristophanes, Æschylus, Pindar, and Lucian. With each author read, special attention is given to the period and kind of literature which he represents.

LATIN.

The chief object of all courses, in the Latin department, will be to contribute toward such a general literary culture as

should be an integral part of a college education. The truth is to be frankly faced, that the development of specialists in "pure philology" is the business of the university, while in the college the needs of the overwhelming majority should dictate the nature of the work. Hence attention will be concentrated upon those books and authors, that hold an undoubted place in the literature of humanity, and best illustrate the political and intellectual life of the Romans. The accurate and adequate appreciation of the subject matter, and of the artistic form, will be constantly regarded as the final goal, and all grammatical drill, or other purely philological work, will be avowedly subordinated to these objects. Latin composition of a simple character, based upon the prose authors read, will also be regarded as an aid to fuller familiarity with the Latin idiom, and hence with the author's thought.

Training in sight-reading, sentence-analysis, and even considerable elementary drill in forms, are found indispensable, particularly in the Freshman year, on account of the imperfect preparation, or the immaturity, of a portion of the students.

It is proposed to offer from time to time a course, for one term, on the methods and aims in classical instruction and study, especially intended for those students who expect to teach in this department.

MODERN LANGUAGES.

The study of French is required of the Freshman class throughout the year. In the first term the elements of the language are studied on the lines marked out in Whitney's French Grammar, Part I. From the first, special importance is attached to training the ear to catch the sounds of the natural word-groups, and to appreciate, to some extent, the sentence-accent, or rhythm of the language. In the second and third terms grammatical study is continued in the practice of making simple French sentences. Copious extracts from the best modern prose are read as a means of extending the student's vocabulary, as well as by way of introduction to the prevailing models of good style. The advanced study of French authors of this century is open to the members of the Sophomore class as elective work throughout the year.

The study of German is required of the Sophomore class throughout the year. Similar stress, as in the instruction in French, is laid on the education of the hearing to appreciate the living speech. Making simple German sentences is continued as an exercise throughout the year. In the second and third terms short modern prose works, by the best writers, are read. An elective course in the study of modern classical authors of four hours a week throughout the year, is open to members of the Junior class.

BIBLICAL LITERATURE.

The study of the Bible is required during one term of Freshman year, in connection with instruction in Greek. The text of one of the Gospels is studied, lectures are given by the teacher, and essays written by the student, upon topics connected with the life of Christ. A more extended course of study, occupying the last two terms of the year, is offered as an elective to Seniors. No text-book is used, but the so-called seminary method of study is followed. The portions of the Bible taken up vary from year to year, but are always studied from a literary and historical, rather than from a doctrinal standpoint.

MATHEMATICS.

The study of mathematics is required throughout Freshman year. The course begins with a brief review of the elements of algebra, particularly quadratics; followed by a study of proportion, series, and limits, undetermined coefficients, binominal theorem, and higher equations, this portion of the course being varied as the interest of each class may require. The work of the term is completed by the study of logarithms with applications drawn from plane geometry. The two following terms are given to solid geometry and plane and spherical trigonometry. To those desiring to do additional work a brief course in modern geometry is offered the first term, one in practical mensuration in the second, with field work in surveying during the spring months.

The course in Sophomore year includes analytic geometry, differential calculus with applications and problems in curve

tracing, and integral calculus with special reference to the subsequent work of the student.

The Junior elective offered is an extended course in calculus with a brief study of quaternions. This year's work may be accommodated to the special needs or inclination of advanced students in case the usual course is not desired.

CHEMISTRY AND MINERALOGY.

Work in this department begins with the Junior year and continues through the remainder of the course. In each branch an attempt is made, not only to give the student a general knowledge of the science, but also to enable him to do such special work as will conduce to his success as a teacher, physician, or a practical chemist. A large part of the instruction is by laboratory work, and generous appropriations have resulted in the collection of apparatus and materials for this purpose in large amount. A short course of lectures upon the general principles of Chemistry is followed by experimental work, by which these are proved and illustrated, and the elements of qualitative analysis learned. A course of lectures upon descriptive chemistry, in which organic chemistry is touched upon, concludes the required course of Junior year. In the elective work of Senior year, qualitative analysis is continued and quantitative analysis taken up and dwelt upon till its principles are mastered. Each student is then allowed to do special chemical work as he may wish, and the time of the instructor may allow.

In mineralogy the same plan is pursued. The required course gives a general view of the science, and the elective course makes this knowledge more specific by chemical and microscopic examination of minerals in the laboratory and by a course of lectures upon practical mining and the reduction of useful minerals and ores.

PHYSICS AND ASTRONOMY.

Elementary physics is a required study during two terms of the Sophomore year. It is followed in the Junior year by a course designed to furnish laboratory practice. The work is

nearly all quantitative, and includes such determinations as: the value of the force of gravity with Kater's pendulum, modulus of elasticity of metals, specific heat, calibration of thermometers. Much time is given to electrical measurements and the determination of magnetic constants. In connection with this practical work, Maxwell's Elementary Electricity is read in the first term, and Wormwell's Thermodynamics in the second.

All undergraduates are required to gain an acquaintance with the principles of astronomy, Young's Elements being the text-book employed in the class-room. For the more especial use of students electing the course in practical astronomy, an astronomical observatory has been erected. It is equipped with instruments of precision, the best of their kind, and an astronomical library. This elective course includes the theory and adjustments of instruments and the making and reducing of observations.

BIOLOGY AND GEOLOGY.

The work in Biology is naturally divisible into three parts, the first of which, occupying the third term of the Sophomore year is largely devoted to the study of plants. It begins with an examination of both animal and vegetable cells, in order that something may be learned of the properties of living matter and of the principles of General Biology. The structure and functions of plants are then taken up in greater detail.

The second part runs through the Junior year. Vital phenomena are then more extensively studied, and much time is spent in the investigation, both anatomically and histologically, of a few types of animals like the frog, lobster, clam, earthworm, starfish, hydroid, and sponge. With these as a basis the student is prepared to undertake the study of animals in respect to their general structure, development, and systematic relations. During the third term of this year particular attention is paid to the anatomy and physiology of mammals, with special reference to the human body.

The third part of the work extends through the Senior year, and is especially adapted to the needs of those who are intending to pursue the profession of medicine or are preparing

themselves for the teaching of science in high schools and academies. It includes work in practical physiology and normal histology. Occasionally a short time is devoted to pathological histology. In all of the above courses abundant facilities are provided for laboratory work and this is required to such an extent as is deemed profitable to the student.

In Geology the elements of the science are taken up in systematic order and as much illustration as is possible is given to each topic. Some attention is paid to local geology and the proper methods of geological observation. Studies of rocks and fossils, particularly those that can be collected by the students, occupy a portion of the time.

PHYSICAL CULTURE.

A brief course of lectures on human anatomy and physiology, illustrated by means of the extensive collections and models of the Medical School, and followed by a similar course on personal hygiene, is given each class upon entering college.

The director of the Gymnasium gives each student a thorough medical and physical examination at the beginning of the college year. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard; and also what parts of the body are defective either in strength or development. At the same time the student receives a handbook containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart with specific directions in regard to diet and bathing.

From November until April each class is required to exercise in the Sargent Gymnasium, under the supervision of the Director for a half hour on four days of every week. A graded course of class exercise has been arranged. The Freshmen have military drill and Indian club swinging; the Sophomores, exercises with wands or dumb-bells; the Juniors, fencing with single sticks; the Seniors, fencing with foils or broadswords. For the exercises with the chest weights, bars, rings, etc., each class is divided into three divisions and the work is carefully graded to suit the strength of each division.

SYNOPSIS OF THE COURSE OF STUDY.

FRESHMAN YEAR.

FIRST TERM.

LATIN.—Livy, Selections from Books XXI. and XXII. History of the Punic Wars. Tusculan Disputations, Book I. Miller's Composition; *three hours a week.*

GREEK.—Xenophon, Memorabilia and Symposium; *four hours a week.*

MATHEMATICS.—Wentworth's Algebra; Solid Geometry; *four hours a week.*

Extra Course.—Modern Geometry.

FRENCH.—Whitney's Practical French Grammar; *four hours a week.*

HYGIENE.—Lectures; *one hour a week.*

SECOND TERM.

LATIN.—Horace, Odes and Epodes, Selections; Lectures on Augustan Literature; *four hours a week.*

GREEK.—The Odyssey; *three hours a week.*

MATHEMATICS.—Solid Geometry and Trigonometry; *four hours a week.*

Extra Course.—Mensuration.

FRENCH.—Modern Prose and Prose Composition; *four hours a week.*

ELOCUTION.—Lectures; Class Exercises and Declamations; *one hour a week.*

THIRD TERM.

LATIN.—Cicero, De Senectute; Latin Composition; *four hours a week.*

GREEK.—New Testament Greek; The Gospel of Luke, with essays and lectures; *four hours a week.*

MATHEMATICS.—Trigonometry; *four hours a week.*

Extra Course.—Surveying.

FRENCH.—Modern Prose and Prose Composition; *three hours a week.*

ELOCUTION.—Lectures; Class Exercises and Declamations; *one hour a week.*

SOPHOMORE YEAR.

FIRST TERM.

GERMAN.—Collar's German Lessons; *four hours a week.*

RHETORIC.—Genung's Practical Elements of Rhetoric; *four hours a week.*

ENGLISH COMPOSITION.—*Four themes.*

ELECTIVE.

LATIN.—Cicero, Select Letters; History of the Period; *four hours a week.*

GREEK.—Euripides, Medea; *four hours a week.*

MATHEMATICS.—Analytic Geometry; *four hours a week.*

FRENCH.—De Vigny, Hugo; *four hours a week.*

SECOND TERM.

GERMAN.—Modern Prose and Prose Composition; *four hours a week.*

PHYSICS.—Mechanics and Electricity; Lectures and assigned work; *four hours a week.*

ENGLISH COMPOSITION.—*Four themes.*

ELECTIVE.

LATIN.—Horace, Satires and Epistles; *four hours a week.*

GREEK.—Lysias; *four hours a week.*

MATHEMATICS.—Differential Calculus; *four hours a week.*

FRENCH.—Hugo, Sand, Balzac; *four hours a week.*

THIRD TERM.

GERMAN.—Modern Prose and Prose Composition; *four hours a week.*

PHYSICS.—Heat and Light; Lectures and assigned work; *four hours a week.*

ENGLISH COMPOSITION.—*Three themes.*

ELECTIVE.

LATIN.—Tacitus, Agricola and Germania; *four hours a week.*

GREEK.—Herodotus; *four hours a week.*

MATHEMATICS.—Integral Calculus; *four hours a week.*

FRENCH.—Mérimée, Sainte-Beuve; *four hours a week.*

ENGLISH LITERATURE.—Bacon's Essays; Milton's Areopagitica; *four hours a week.*

BIOLOGY.—Gray's Lessons in Botany; Lectures and laboratory work; *four times a week.*

JUNIOR YEAR.

FIRST TERM.

ASTRONOMY.—Young's Elements of Astronomy; *four hours a week.*

CHEMISTRY.—Lectures and Laboratory work; *four times a week.*

ENGLISH COMPOSITION.—*Four themes.*

ELECTIVE.

GERMAN.—Lessing's Minna von Barnhelm; Deutschland und die Deutschen; *four hours a week.*

LATIN.—Plautus, Captives; Sight reading from Terence; *two hours a week.*

GREEK.—Plato, The Apology and Crito; *two hours a week.*

MATHEMATICS.—Williamson's Differential Calculus; *four hours a week.*

HISTORY.—English History, Saxon, Norman, Plantagenet, Lancastrian, and Yorkist Periods; *three hours a week.*

BIBLIOGRAPHY.—Lectures and library work; *one hour a week.*

BIOLOGY.—Huxley and Martin's Elements; Laboratory work; *four times a week.*

PHYSICS.—Maxwell's Elements of Electricity, and assigned work; *four hours a week.* Some proficiency in mathematics will be required of those electing Junior Physics.

SECOND TERM.

CHEMISTRY.—Lectures and Recitations; *four times a week.*

LOGIC.—Jevon's Logic; *four hours a week.*

ENGLISH COMPOSITION.—*Four themes.*

ELECTIVE.

GERMAN.—Schiller and Goethe; *four hours a week.*

LATIN.—Lucretius, Selections; *two hours a week.*

GREEK.—Aristophanes; The Clouds; *two hours a week.*

MATHEMATICS.—Integral Calculus; *four hours a week.*

HISTORY.—English History, Tudor and Stuart Periods; *four hours a week.*

BIOLOGY.—Huxley and Martin's Elements; lectures and laboratory work; *four times a week.*

PHYSICS.—Theory of Heat; Thermodynamics; experimental work; *four hours a week.*

THIRD TERM.

MINERALOGY.—Lectures and Recitations; *four times a week.*

PRACTICAL RHETORIC.—Extemporaneous composition; original declamations; critical study of literary style; *four hours a week.*

ELECTIVE.

GERMAN.—Goethe; *four hours a week.*

LATIN.—Classical Mythology, with rapid reading in Ovid's Metamorphoses; *two hours a week.*

GREEK.—Lyric Poets; *two hours a week.*

MATHEMATICS.—Quaternions; *four hours a week.*

HISTORY.—Modern History; *four hours a week.*

ANATOMY AND PHYSIOLOGY.—Huxley's Physiology; *four times a week.*

ASTRONOMY.—Practical Astronomy; *four hours a week.*

SENIOR YEAR.

FIRST TERM.

PSYCHOLOGY.—James's Psychology; *four hours a week.*

ELECTIVE.

GEOLOGY.—Le Conte's Elements, with lectures; *four times a week.*

ENGLISH LITERATURE.—From the Saxon Conquest to the Fifteenth Century; Lectures and Readings; Chaucer's Canterbury Tales; *four hours a week.*

ANATOMY AND PHYSIOLOGY.—Laboratory work; *four times a week.*

MINERALOGY AND METALLURGY.—Lectures and Laboratory work; *four times a week.*

POLITICAL SCIENCE; *four hours a week.*

ASTRONOMY.—Practical Astronomy; *four hours a week.*

LATIN.—Juvenal, Selected Satires; *two hours a week.*

GREEK.—Æschylus, Prometheus; *two hours a week.*

SECOND TERM.

POLITICAL ECONOMY; *four hours a week.*

ELECTIVE.

HISTORY OF PHILOSOPHY.—Schwegler's History of Philosophy; Selections from Descartes, Locke, and Berkeley; *four hours a week.*

ENGLISH LITERATURE.—From the Fifteenth to the Eighteenth Century; Select Plays of Shakespeare; Moulton's Dramatic Art of Shakespeare; *four hours a week.*

ANTHROPOLOGY AND HISTORICAL SOCIOLOGY; *four hours a week.*

BIBLE STUDY.—Introduction to the Gospels and Pauline Epistles; Life of Christ; *four hours a week.*

CHEMISTRY.—Qualitative and Quantitative Analysis; *four times a week.*

PHYSIOLOGY AND HISTOLOGY.—Laboratory work; *four times a week.*

LATIN.—Quintilian, Book X.; *two hours a week.*

GREEK.—Pindar and Lucian; *two hours a week.*

THIRD TERM.

ETHICS.—Lectures on Practical Ethics and the History of Ethical Theory; *four hours a week.*

ELECTIVE.

UNITED STATES HISTORY.—Economic History; *four hours a week.*

ENGLISH LITERATURE.—Eighteenth and Nineteenth Centuries; *four hours a week.*

BIBLE STUDY.—The Psalms and Selected Passages from the Old Testament; *four hours a week.*

CONTEMPORARY SOCIOLOGY; *four hours a week.*

CHEMISTRY.—Organic; *four times a week.*

PHYSIOLOGY AND HISTOLOGY.—Laboratory work; *four times a week.*

LATIN.—Methods and aims of classical study, with readings from school authors; *two hours a week.*

GREEK.—Greek Archæology; *two hours a week.*

Any elective which is not chosen by at least three persons may be withdrawn by vote of the Faculty.

ADMINISTRATION OF THE COLLEGE.

GOVERNMENT.

In all matters pertaining to the good order of the College, and the relations of the students to one another, the students govern themselves through a Jury.

The Jury consists of undergraduate students in good and regular standing, and is chosen as follows: each of the four classes elects one member, each chartered chapter of an inter-collegiate Fraternity of three or more years' standing in the College, elects one member, and all who do not belong to any such Fraternity elect one member.

The President, however, is at all times at liberty to inquire into the conduct or character of any student, or the circumstances or causes of any disturbance. He may do this with a view of giving private admonition, advice, or warning to students or their friends, in which case his private action, if efficacious and acquiesced in by all concerned, may be final; but it is expressly understood that such private action of the President shall not have the weight of College censure.

RELIGIOUS EXERCISES.

The students are required to attend devotional exercises, consisting of the reading of Scripture, Singing, and Prayer, held in the College Chapel every week-day morning, and a brief service, including an address by the President, on Sunday afternoon. Every student is also required to attend the exercises of public worship on the Sabbath, at one of the Churches in Brunswick.

Prayer-meetings, under the direction of the Young Men's Christian Association, a religious organization of the students, are held on Thursday evenings, and other meetings on Sunday, to which all members of the College are cordially invited.

TERMS AND VACATIONS.

The Academic Year is divided into three terms, a fall term of fourteen weeks, a winter term of thirteen weeks, and a spring term of ten weeks. The holiday vacation of two weeks follows the first term, a spring recess of a week follows the second term, and the summer vacation of eleven weeks follows Commencement Week. Each term begins on a Tuesday morning, and ends on a Friday afternoon. Commencement Day is the fourth Thursday of June.

ABSENCE FROM COLLEGE.

It is of the utmost importance that students be present at College every day of term time, and only an absolute necessity should warrant absence. When pecuniary necessity makes it unavoidable, students may, upon seasonable petition and by vote of the Faculty, have leave of absence during a portion of term time, when actually engaged in teaching, or in literary or scientific pursuits.

DEGREE OF MASTER OF ARTS.

The degree of Master of Arts is conferred upon those graduates of the College who, after taking the bachelor's degree, shall complete an approved course of advanced study equivalent to one year's post-graduate work, and shall pass with credit a written and oral examination on the same. Application for the degree must be made to the Faculty not later than the first of April in the year in which the candidate presents himself for examination.

UNIVERSITY EXTENSION LECTURES.

To meet the wants of those who desire direction in home study, the College is prepared to give in neighboring cities courses of five lectures each, on the University Extension plan, on the following subjects: English Literature by Professor Henry L. Chapman, Biblical Criticism by Professor Frank E. Woodruff, Greek Tragedy by Professor William C. Lawton, Biology by Professor Leslie A. Lee, Chemistry by Professor Franklin C. Robinson, Sociology by Professor D. Collin Wells.

LABORATORIES AND CABINETS.

The Chemical and Physical Laboratories are supplied with gas, water, steam, and electricity, and furnished with the apparatus and the mechanical appliances necessary for illustration and instruction in the departments with which they are connected, and for practical analytical work by the students.

The Biological Laboratory is well supplied with microscopes, section-cutters, dissecting outfits, and other apparatus necessary for the study of Botany and Zoölogy.

The upper portion of Massachusetts Hall, converted into a Cabinet of Natural History, through the liberality of the Hon. PELEG WHITMAN CHANDLER, of Boston (Class of 1834), and named the *Cleaveland Cabinet*, in memory of the late Professor PARKER CLEAVELAND, contains the various collections illustrating Natural History belonging to the College.

These collections, to some of which accessions are constantly made, are the following :

The Museum of the First Geological Survey of Maine.

The Cleaveland and Haüy Collections of Minerals.

The Mineralogical and Geological Collections of the late Mrs. FREDERICK ALLEN, of Gardiner, Me.

The Shattuck Conchological Collection.

The Cushman Ornithological Collection.

The Fish Collection of Lepidoptera.

The Blake Herbarium.

The Cleaveland Herbarium.

The Anatomical Museum.

There is also an interesting collection of zoölogical specimens, which has been largely increased the past season by the scientific expedition to Labrador under the charge of the professor of biology.

Under certain regulations the Cabinets are accessible for purposes of study to all students of the College.

THE OBSERVATORY.

The astronomical observatory, though the smallest of the College buildings, is substantially built and well adapted for the

purposes of instruction. It is composed of a tower, twenty-four feet in diameter, and a wing or extension the outside measurements of which are forty-six feet four inches by sixteen feet. From a foundation of heavy masonry the twelve-inch wall of the brick tower rises eleven feet and a half to the plates, on which is the track for the revolving dome. This dome is built of a light frame-work of semi-circular rafters and purlines, covered with a thin sheathing of wood, which in turn is covered with heavy canvas, carefully fitted and painted. The dome is provided with a shutter which opens to the zenith. In the centre of the tower stands a pier of stone on which the telescope is placed. This instrument, though an excellent one for its size, is ready to give place to a larger one when some friend of astronomical work shall proffer assistance. The lens, six inches in diameter, was made by Wray, of London, in 1886, and the mountings were furnished by Queen, of Philadelphia. It is connected with a driving clock, which has a device for changing from stellar to lunar motion. Of the three rooms in the wing, that nearest the tower is known as the transit room, from the instrument it contains. This rests upon a pier similar to that made for the telescope. On the north and south and extending across the roof are shutters operated by a winch. The transit was imported especially for the observatory. Its object-glass is fifty-four millimeters in diameter. Close at hand stands the sidereal clock. In the adjoining room is shelved the astronomical library of four hundred volumes. The slope of the roof is so slight that it can be used in meteorological observations. For this building the College is indebted to a gift of one thousand dollars from Mr. John J. Taylor, of Fairbury, Ill., and to supplementary subscriptions from numerous alumni.

LIBRARIES.

The principal library rooms are Banister Hall, in the east end of the Chapel, and the connected wings. They contain, under one management, the College Library and the Libraries of the Athenæan and Peucinian Societies, together comprising 44,000 volumes.

During term time the library is open every day, except Sundays, from 8 A.M. to 4 P.M., and also from 7 to 9 in the

evening. Officers, students, and graduates of Bowdoin College, and clergymen resident in Brunswick and vicinity, may borrow books which, however, are subject to recall if specially needed.

Accessions are made to the library by an annual appropriation of the Boards for the purpose, and from the proceeds of funds contributed by Rev. Elias Bond, D.D., John L. Sibley, A.M., Hon. Samuel H. Ayer, Dr. R. W. Wood, Mrs. John C. Dodge, Henry J. Furber, Esq., and Capt. John Patten.

The Medical Library of 4,000 volumes is deposited in Adams Hall, which contains the lecture rooms and offices of the Medical Department.

ART COLLECTIONS.

By the will of the Hon. JAMES BOWDOIN, the College, in 1811, came into possession of his collection made in Europe, of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters. To these paintings have since been added the collection of the late Col. GEORGE W. BOYD (Class of 1810) and many other valuable gifts. They are exhibited in the Chapel, mainly in Walker Gallery, so named in memory of Mrs. SOPHIA WALKER. The drawings are also exhibited in this room. Some portraits of distinctively College interest are hung in Memorial Hall. The collections are open to the public daily during library hours. A commodious and fire-proof building for the art collections of the college is soon to be erected by the Misses WALKER, of Boston, as a memorial of their uncle, the late THEOPHILUS W. WALKER.

PRIZES.

English Composition Prizes.—The sum of Thirty Dollars is annually given in prizes to members of the Senior class for excellence in English Composition.

Junior Declamation Prizes.—Prizes amounting to Thirty Dollars are given to members of the Junior class for excellence in Oratory at their annual Prize Declamation.

Sewall Premium.—Prizes amounting to Ten Dollars are awarded to members of the Sophomore class for excellence in Oratory at their annual Prize Declamation.

Brown Composition Prizes.—Two Prizes, one of Thirty Dollars and one of Twenty Dollars, given by PHILIP HENRY BROWN, Esq., of Portland (Class of 1851), are offered to the Senior class for excellence in extemporaneous English composition.

Sewall Greek Prize.—A Prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL (Class of 1848), Master of Thayer Academy, and formerly Professor of Greek in the College, is awarded to the member of the Sophomore class who sustains the best examination in Greek, at the annual examination.

Sewall Latin Prize.—A Prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore class who sustains the best examination in Latin, at the annual examination.

Mathematical Prize.—A Prize of Three Hundred Dollars, given by HENRY JEWETT FURBER, Esq. (Class of 1861), is awarded to the Sophomore whose rank is highest in the mathematical studies of the first two years. (See Smyth Scholarship.)

Goodwin Commencement Prize.—A Prize of Fifty Dollars, given by the late Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia (Class of 1832), is awarded each year to the author of the best Commencement Part.

Class of 1868 Prize.—A Prize of Forty Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior class.

Pray English Prize.—A Prize of Fifty Dollars, given by the late Dr. THOMAS J. W. PRAY, of Dover, N. H. (Class of 1844), is awarded each year to the best scholar in English Literature and original English Composition.

Goodwin French Prize.—A Prize of Twenty-five Dollars, given by the late Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

ANNUAL EXPENSES.

Tuition, \$75. Room rent (half) average, \$20. Incidentals, \$10. Total regular College charges, \$105. Those who use the Laboratory of Analytical Chemistry are charged additionally at the rate of \$5 a term.

Board is obtained in town at \$2.75 to \$4.00 a week. Other necessary expenses will probably amount to \$40 a year. Students can, however, by forming clubs under good management, very materially lessen the cost of living.

Term bills are due at the end of each term, and if not paid at the beginning of the next term, interest will be charged. No student will be admitted to a higher class nor allowed to attend its recitations until all his bills due to the College shall be paid; and no degrees will be conferred upon students who have not paid their dues to the College.

SCHOLARSHIPS.

The income of sixty-five thousand dollars is devoted to scholarships in aid of meritorious students of slender means.

COMPETITIVE SCHOLARSHIPS.

Brown Memorial Scholarships.—A fund for the support of four scholarships in Bowdoin College, given by the late Hon. J. B. BROWN, of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid the sum of seventy-five dollars annually to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

Smyth Scholarship.—A fund of \$5,000, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of the late Professor WILLIAM SMYTH. The income at six per cent. is given to that student in each Sophomore class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at their discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives \$100 at the time the award is made. The remaining \$200 are paid to him in installments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the scholarship for the remainder of the time.

MINISTERIAL SCHOLARSHIPS.

The income of these is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

Shepley Scholarship.—A fund of \$1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine.

Mary L. Savage Memorial Scholarship.—A scholarship of \$1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE.

Benjamin Delano Scholarship.—A scholarship of \$1,000, bequeathed by the late Captain BENJAMIN DELANO, of Bath.

And Emerson Scholarships.—A fund amounting at present to \$6,600, given by the late AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB.

Stephen Sewall Scholarship.—A scholarship of \$1,000, given by the late Deacon STEPHEN SEWALL, of Winthrop.

GENERAL SCHOLARSHIPS.

John C. Dodge Scholarship.—A fund of \$1,000, given by Hon. JOHN C. DODGE, LL.D.

Alfred Johnson Scholarships.—Three scholarships of \$1,000 each, founded by the late ALFRED JOHNSON, of Belfast, in memory of his grandfather, Rev. ALFRED JOHNSON, and of his father, Hon. ALFRED JOHNSON.

William Sewall Scholarship.—A Scholarship of \$1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

Mary Cleaves Scholarships.—Three scholarships of \$1,000 each, founded by the will of the late Miss MARY CLEAVES.

Cram Memorial Scholarship.—A scholarship of \$1,000, founded by Hon. MARSHALL CRAM, of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

James Means Scholarship.—A Scholarship of \$2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of

his brother, Rev. JAMES MEANS (Class of 1833), who died in New Berne, North Carolina, in the service of the United States.

Charles Dummer Scholarships.—Six scholarships of \$1,000 each, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers.

W. W. Thomas Scholarship.—A scholarship of \$1,000, founded by Hon. W. W. THOMAS, of Portland.

Buxton Scholarship.—A fund at present amounting to \$2,500, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

Pierce Scholarship.—A scholarship of \$1,000, bequeathed by Mrs. LYDIA PIERCE, of Brunswick, in memory of her son, ELIAS D. PIERCE.

Blake Memorial Scholarships.—A fund of \$4,000, bequeathed by Mrs. NOAH WOODS, of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873.

Huldah Whitmore Scholarships.—Two scholarships of \$2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions.

Nathaniel McLellan Whitmore Scholarship and George Sidney Whitmore Scholarship.—Two scholarships of \$1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL MCLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856.

George Franklin Bourne Scholarship.—A scholarship of \$1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop.

William Little Gerrish Scholarship.—A scholarship of \$1,000 given by Dr. F. H. GERRISH, in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864.

Lawrence Scholarships.—A fund of \$6,000, given by Mrs. AMOS LAWRENCE, of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students in Bowdoin College who may need pecuniary assistance, preference being given to those who shall enter the college from Lawrence Academy at Groton, Mass.

G. W. Field Scholarships.—Two scholarships of \$2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor (Class of 1837), the income of which is to go to students or graduates of the Bangor Theological Seminary, or to persons named by the Bangor Central Church, who become students of this College.

Justus Charles Scholarships.—By the will of the late JUSTUS CHARLES, of Fryeburg, provision was made for the future establishment of several scholarships for which, through the liberality of his widow, Mrs. BETSEY C. CHARLES, funds have already been transferred to the College.

THE AMERICAN EDUCATIONAL SOCIETY.

Young men in need of aid, who are studying for the ministry of the Congregational Church, may be assisted by this Society to the amount of \$75 a year.

MEDICAL ATTENDANCE.

Henry Prentiss Godfrey Fund.—A fund of \$500, given by Mr. and Mrs. GEORGE F. GODFREY, of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical supervision of the College and medical attendance for students who may be sick while in College.

MEDICAL FACULTY.

REV. WILLIAM DEWITT HYDE, D.D., PRESIDENT.

ISRAEL THORNDIKE DANA, A.M., M.D.

ALFRED MITCHELL, A.M., M.D., SECRETARY.

FREDERIC HENRY GERRISH, A.M., M.D.

FRANKLIN CLEMENT ROBINSON, A.M.

STEPHEN HOLMES WEEKS, A.M., M.D.

CHARLES OLIVER HUNT, A.M., M.D.

HON. LUCILIUS ALONZO EMERY, A.M.

CHARLES DENNISON SMITH, A.M., M.D.

EVERETT THORNTON NEALEY, M.D.

ADDISON SANFORD THAYER, A.B., M.D.

HON. WILLIAM LEBARON PUTNAM, LL.D.,

HON. JOSEPH TITCOMB, A.M.,

From the Board of Trustees.

CHARLES APPLETON PACKARD, A.M., M.D.,

JOHN ADAMS MORRILL, A.M.,

From the Board of Overseers.

JOHN ORDWAY WEBSTER, M.D.,

FREEMAN EVANS SMALL, M.D.,

Visitors from Maine Medical Association.

MEDICAL STUDENTS—1891.

NAME.	RESIDENCE.	PRECEPTOR.
Chancey Adams, A.M.,	<i>North Anson,</i>	E. M. Wing and P. S. M. I.
Justin Darius Ames,	<i>Brunswick,</i>	M. L. Marr.
Burt Andrews, M.D.,	<i>Augusta,</i>	Bellevue Hospital Med- ical College.
Thomas Herbert Ayer, A.B.,	<i>Litchfield Corner,</i>	W. Braley and P. S. M. I.
Charles Howard Bangs,	<i>Limerick,</i>	W. H. Milliken, J. D. Haley.
Charles William Blagden,	<i>Bluehill,</i>	D. W. Bunker.
James Prentiss Blake,	<i>Harrison,</i>	A. Mitchell and P. S. M. I.
William Herbert Bradford, A.B.,	<i>Lewiston,</i>	S. H. Weeks and P. S. M. I.
Thurlow Weed Brimigion,	<i>Avon,</i>	H. B. Palmer.
Frank Irving Brown, A.M.,	<i>Bethel,</i>	P. S. M. I. and F. H. Tilson.
Luther Grow Bunker,	<i>Trenton,</i>	P. S. M. I. and J. O. McCorrison.
Charles Burleigh,	<i>Portland,</i>	P. S. M. I. and G. W. Lougee.
Seth Davis Chellis,	<i>South Parsonsfield,</i>	J. D. Haley.
Leonard James Coffey,	<i>Portland,</i>	P. S. M. I.
Herbert Knight Colbath,	<i>Farmington, N. H.,</i>	C. H. Boodey.
John William Connellan,	<i>Portland,</i>	P. S. M. I. and J. B. O'Neill.

- Edward Chase Cook, *Vassalboro*, B. L. Tibbetts and
G. D. Cook.
- William Lewis Cousins, *Steep Falls*, P. S. M. I.
- David Benjamin Crediford, *Shapleigh*, T. A. Bragdon and
P. S. M. I.
- Ashley Humbert Cromwell, *Norway*, B. F. Bradbury.
- Russell Hubert Croxford, A.B., *East Dixmont*, Q. H. Bean.
- Benjamin Glazier Willey Cushman, A.M., *West Sumner*,
C. M. Bisbee.
- Walter Elliot Cummings, A. B., *Dexter*, W. A. Bumps.
- Harris Obadiah Curtis, *Richmond Corner*, Boston City
Hospital.
- Gilman Davis, *Portland*, J. S. McGregor and
P. S. M. I.
- Samuel Wilbert Davis, *Farmington, N. H.*, W. H. Nute
and P. S. M. I.
- Daniel Clement Dennett, *Portland*, P. S. M. I. and
C. A. Dennett.
- Joseph Daniel Dixon, *Portsmouth, N. H.*, J. Mullen.
- Frederick Henry Eames, A.B., *Manchester, N.H.*, L. B. How.
- Salustiano Fanduiz, A.B., *San Domingo*, W. I., A. Mitchell.
- William Chase Farley, *New Boston, N. H.*,
DeF. W. Chase.
- Charles Herbert Fish, *Chester, N. H.*, A. L. Emerson.
- John Smith Fogg, M.D., *Biddeford*, Bellevue Hospital
Medical College.
- Roland Sumner Gove, *Limington*, J. N. Plaisted.
- George Augustus Gregory, *Shelburne, N. S.*, G. D. Emerson.
- George Walter Greenleaf, *East Freedom, N. H.*,
G. W. Lougee.

Charles Franklin Hamlin,	<i>Otisfield,</i>	C. Y. Lord and P. S. M. I.
Howard Clinton Hanson,	<i>Buxton Centre,</i>	P. S. M. I.
Pearl Tenney Haskell,	<i>West Falmouth,</i>	W. C. Haskell and P. S. M. I.
Edward Howard Hawley,	<i>Bath,</i>	E. M. Fuller.
Fremont Lincoln Hogan,	<i>Bath,</i>	R. D. Bibber.
Chessman Palmer Hutchinson,	<i>Atkinson,</i>	W. A. Bumps.
Harry Waldo Kimball,	<i>Pawtucket, R. I.,</i>	P. S. M. I.
Willis Hazen Kimball,	<i>North Bridgton,</i>	H. H. Cole and P. S. M. I.
William Nickolaus Klemmer,	<i>Palmer, Mass.,</i>	W. H. Stowe.
Samuel Edmund Knight,	<i>Stockton, Cal.,</i>	W. M. S. Beede.
Arthur Wayland Langley,	<i>Acton,</i>	W. E. Pillsbury.
Daniel Stevens Latham,	<i>Falmouth,</i>	I. E. Hobart and E. A. Fessenden.
George Franklin Libby,	<i>Portland,</i>	E. E. Holt and P. S. M. I.
Charles Jewett Lincoln,	<i>Albion,</i>	Drs. Lewis & Cook.
James Otis Lincoln,	<i>Bath,</i>	E. M. Fuller.
Loring Sawyer Lombard,	<i>East Hiram,</i>	H. H. Cole.
Harold Charles Martin.	<i>Foxcroft,</i>	Drs. Hall & Thompson.
Ralph Hemenway Marsh, B.S.,	<i>Bradley,</i>	J. N. Norcross.
Eben Jordan Marston,	<i>Bath.</i>	E. M. Fuller.
Edward Aloysius McCullough, A.B.,	<i>Bangor,</i>	A. C. Gibson.
Edward Joseph McDonough, A.B.,	<i>Portland,</i>	T. D. Sullivan and P. S. M. I.

Frank Henry McLaughlin,	<i>Newbury.</i>	H. Pushor.
Joseph Harvey Murphy,	<i>Andover, N. B.,</i>	R. Wiley.
Edgar Colson Newcomb,	<i>Newbury,</i>	J. J. Sewall and P. S. M. I.
Charles Francis Nutter,	<i>Rochester, N. H.,</i>	P. S. M. I.
Eugene David O'Neil,	<i>Biddeford,</i>	S. J. Bassford.
Charles Ara Palmer,	<i>Bath,</i>	E. M. Fuller.
Clarence George Parcher,	<i>Saco,</i>	F. E. Maxcy.
Isaac Parke Parke,	<i>Stockton Springs,</i>	G. A. Stevens.
John Clement Parker, A.B.,	<i>Lebanon,</i>	J. S. Parker and C. H. Cumston.
Harry Snow Parsons,	<i>Brunswick,</i>	A. P. Snow.
Elmer Willis Partridge,	<i>North Whitefield,</i>	P. S. M. I., A. R. G. Smith and A. L. Lukeforth.
Sylvanus Cobb Pierpont,	<i>Waldoboro,</i>	F. M. Eveleth.
Leland Howard Poor,	<i>Sebago,</i>	C. E. Wilson.
Wallace Nathaniel Price,	<i>Richmond,</i>	C. W. Price.
Herbert Harmon Purinton,	<i>South Limington,</i>	J. F. Moulton and P. S. M. I.
Harrison Llewellyn Raymond,	<i>Vinalhaven,</i>	E. H. Lyford.
Fred Leslie Redman,	<i>Presque Isle,</i>	G. H. Bean.
Herbert Winslow Robinson,	<i>South Windham,</i>	N. M. Mar- shall and P. S. M. I.
Arthur Asbra Shaw,	<i>Etna,</i>	T. M. Griffin.
John Ziba Shedd,	<i>Fryeburg,</i>	G. H. Shedd and P. S. M. I.
Wiley Edgar Sincock,	<i>Caribou,</i>	C. F. Thomas.

Robert Milford Small,	<i>Bowdoin,</i>	G. W. Curtis.
Arthur Albert Smith,	<i>Bradley,</i>	S. Bradbury.
Owen Percy Smith,	<i>Cornish,</i>	P. S. M. I.
Alfred Lynwood Snow, A.B.,	<i>Milo.</i>	F. C. Thayer and J. F. Hill.
James Alpheus Somers,	<i>Norwich, Conn.,</i>	J. Shahan.
Hall Staples,	<i>South Windham,</i>	J. D. Harper.
Clarence Augustus Stetson,	<i>Groveland, Mass.,</i>	L. A. Woodbury.
Engene Leslie Stevens, A.B.,	<i>North Troy,</i>	G. A. Stevens.
James Stephen Sullivan,	<i>Portland,</i>	T. D. Sullivan and P. S. M. I.
Charles Leslie Sweetsir,	<i>Saco,</i>	F. E. Maxcy and P. S. M. I.
Albie Warren Sylvester,	<i>Etna,</i>	F. J. Taylor.
George Averill Tolman, A.B.,	<i>Portland,</i>	P. S. M. I.
Oliver William Turner, A.B.,	<i>Augusta,</i>	L. J. Crooker.
Thomas Joseph Ward,	<i>Lewiston,</i>	M. B. Sullivan.
Walter Linwood Watson,	<i>Everett, Mass.,</i>	M. B. Cobb.
Ambrose Herbert Weeks,	<i>Jefferson,</i>	A. A. Jackson and P. S. M. I.
Clement Colfax Whitcomb,	<i>Simpson's Corner,</i>	J. J. Sewall.
Ernest Henry Wheeler,	<i>Gardiner,</i>	J. M. Turner.
Richard Edward Wilder,	<i>Bethlehem, N. H.,</i>	H. A. Hildreth.
Bela Henry Winslow, A.B.,	<i>Bar Harbor,</i>	G. F. Townsend.
Daniel Nash Woodman,	<i>North Yarmouth,</i>	W. C. Collins and P. S. M. I.

GRADUATING CLASS—1891.

NAME.	THESIS.
Chancey Adams, A.B.,	The Profession of Medicine.
Burt Andrews, M.D. (Bellevue),	Intestinal Obstruction.
William Herbert Bradford, A.B.,	Intestinal Anastomosis.
Frank Irving Brown, A.M.,	Obstetric Antisepsis.
Charles Burleigh,	Inheritance of Disease.
Herbert Knight Colbath,	Gonorrhea.
Benjamin Glazier Willey Cushman, A.B.,	Ophthalmoscopy.
Harris Obadiah Curtis,	Typhoid Fever.
Samuel Wilbert Davis,	Treatment of Typhoid Fever.
Daniel Clement Dennett,	Pneumonic Fever.
Charles Herbert Fish,	Inguinal Hernia.
John Smith Fogg, M.D. (Bellevue),	Cranial Surgery.
George Augustus Gregory,	Diphtheria.
Howard Clinton Hanson,	Diphtheria.
Edward Howard Hawley,	Inflammation.
Harry Waldo Kimball,	Artificial Anaesthesia and Anaesthetics.
Willis Hazen Kimball,	Urinary Analysis.
Arthur Wayland Langley,	Areolar Hyperplasia.
George Franklin Libby,	Minor Surgery.
Frank Henry McLaughlin,	Clinical History of Neuralgia.
Joseph Harvey Murphy,	Ancient and Modern Surgery.
John Clement Parker, A.M.,	Microscope in Medicine.
Harry Snow Parsons,	Fractures and their Treatment.
Herbert Harmon Purinton,	Scarlatina.
Arthur Asbra Shaw,	Acute Articular Rheumatism.
John Ziba Shedd,	Clinical History of Typhoid Fever.
Wiley Edgar Sincock,	Anaemia.
Clement Colfax Whitcomb,	Chorea.

MEDICAL SCHOOL OF MAINE.

The Medical School of Maine, by an act of the Legislature, is placed under the superintendence and direction of the Board of Trustees and Overseers of Bowdoin College. By their joint authority all the degrees of M.D. are conferred.

The seventy-second Course of Lectures will begin February 4, 1892, and continue twenty weeks, ending June 22d. The introductory lecture will be delivered at 3 o'clock P.M., by Professor CHARLES D. SMITH, M.D.

MEANS OF INSTRUCTION.

The specimens in Normal, Morbid, and Comparative Anatomy are annually increased in number. The Museum has lately been thoroughly re-arranged and enriched by purchases abroad.

The Chemical Department embraces every article of apparatus essential to complete illustration of the principles of Chemistry.

A new laboratory has recently been furnished for special courses in analytical chemistry, urinary analysis, and toxicology. These courses are strongly recommended to every student. They will be entered upon immediately after the closing of work in the dissecting room.

The lectures in Physiology are illustrated by Auzoux models and by experiments.

Dr. Charles D. Smith will continue his instruction in a short course of lectures upon Public Hygiene.

Instruction in Normal and Pathological Histology is afforded without extra charge. A short course of lectures upon Microscopy will be given by the Demonstrator of Histology. Students owning microscopes are requested to bring them for use in their classes.

Students are advised to prepare for their anatomical and physiological studies by the dissection of the cat, dog, rabbit,

and frog, using Wilder & Gage's Anatomical Technology, Foster & Langley's Practical Physiology, or Huxley & Martin's Biology. Abundant dissecting material is furnished at cost.

CLINICS.

In place of a single joint clinic as heretofore, separate Medical and Surgical Clinics will be held every week during the term. The Surgical Clinic will be held every Saturday morning, beginning at quarter past eight o'clock and closing at quarter past eleven. The Medical Clinic will be held every Thursday morning, beginning at quarter past ten o'clock and closing at quarter past eleven. No Medical cases will be received on Saturdays, and no Surgical cases on Thursdays.

All examinations in the presence of the Class are made without charge. All surgical operations are gratuitously performed.

TERMS OF ADMISSION AND FEES.

Especial attention is called to the new requirement of attendance upon three full courses of lectures before graduation; this condition with the corresponding re-adjustment of fees becomes operative in the case of all who will graduate after 1892; in order that no misunderstanding may arise on the part of those who have hitherto attended one or more courses of lectures, it is thought best to announce that conditions of lecture attendance and payment of fees will be regarded and received as hitherto announced.

It is desired that a literal interpretation shall be placed upon the stated requirements of the candidates for matriculation, as hitherto there have been not unfrequent examples of those who inquire if other conditions than those named will not serve in lieu of the examination. The same consideration is asked for the explicit conditions named as regulating the prepayment in cash of fees.

Candidates for matriculation will be required to give evidence that they possess a good English education. Those who are graduates of colleges, normal schools, high schools, or have passed the entrance examination to any recognized college, on presentation of their diplomas or matriculation tickets, will be

exempt from examination. Examinations will be held on Thursday, February 4th, at 9 o'clock A.M.

The fee for admission to the several Courses of Lectures, payable strictly in advance, and by cash only, is \$78. Matriculation fee, payable each term, \$5.

Pupils who have attended three full courses of medical lectures, two of which have been in this school, are admitted to all subsequent courses without payment of any lecture fees.

Students who have attended two full courses at other regular medical institutions are required to pay \$50 for admission to their first course of lectures at this school, in addition to the matriculation fee.

A fee of five dollars shall be paid for final examination in each department in which a student presents himself for examination, previously to the payment of his diploma fee.

If a student fails to pass the examination in a given department in one year he may be examined in a subsequent year in the same branch, on payment of a fee of three dollars.

The total amount paid by a student in examination fees at five dollars each shall be credited on his diploma fee.

The graduation fee (which is not returnable), including the diploma, is \$25.

No student will be allowed to attend any Course of Lectures in this school, without the certificate of the Secretary. Members of the medical profession are cordially invited to attend the lectures at any time.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Students are expected to remain until the close of the term.

EXAMINATIONS AND GRADUATION.

Students and particularly candidates for graduation will be examined at least twice each week in each department by its Professor.

The Faculty, believing it to be desirable for students to pay especial attention to the preliminary branches during the first portion of their course of study, in order that they may be

better prepared to appreciate the more advanced subjects, in the latter part, have arranged that any student may present himself for examination in Anatomy, Physiology, and Chemistry, (any or all) at the regularly appointed time for examination, provided he previously presents to the Secretary satisfactory evidence that, at the close of the current term, he will have completed at least twelve months of actual study, and have attended a full course of lectures in this school. Those who are examined in Anatomy are required to present evidence that they have, under competent instructors, dissected not less than two parts. The same requirements will be enforced in the cases of those who are examined in this department at graduation. Any student may also present himself for final examinations in *Materia Medica* and Therapeutics, and in obstetrics, at the regularly appointed time for examination, providing he previously presents to the Secretary satisfactory evidence that, at the close of the current term, he will have completed at least two years of actual study and have attended two courses of lectures, the second of which must have been in this school. An official record of the result of the successful examinations shall be kept by the Secretary. The successful passage of an examination will not exempt a student from faithful attendance upon any exercises in any department during subsequent courses.

The examinations for the degree of Doctor of Medicine are held at the close of the course of lectures. Degrees will be conferred upon Wednesday morning, June 22d, after the usual graduating exercises.

The candidates must be twenty-one years of age, and must have devoted three years to their professional studies under the direction of a regular practitioner of medicine. They must have attended three full courses of lectures (operative after 1892) in some regular, incorporated medical institution, the last course previous to examination must have been at this school, and fifteen months' time must have elapsed between the beginning of a student's first course of lectures and his graduation. They must deposit with the Secretary of the Faculty satisfactory certificates of good moral character, and of having pursued their medical studies for the required term. They must also pass a satisfactory written and oral examination in Anatomy,

Physiology, Surgery, Chemistry, *Materia Medica*, Pharmacy, Obstetrics, Pathology, and Practice. They must also present a Thesis or Dissertation on some medical subject, a fair copy of which must be deposited with the Secretary of the Faculty at least ten days before the commencement of the examinations at the close of the lectures. These copies are preserved in the Medical Library.

Students on arriving should call at once at the office of the Secretary of the Faculty, in Adams Hall, to enter their names, present their certificates, and purchase their tickets. They may also there obtain all necessary information in regard to boarding houses. The price of board varies from \$3.00 to \$5.00 per week.

TEXT-BOOKS.

ANATOMY.—Text-books, Quain or Gray. For the Dissecting Room, Weisse's Practical Human Anatomy, Ellis's Demonstrations, or Heath's Practical Anatomy.

CHEMISTRY.—Bartley's Medical, Richter's Organic and Inorganic.

PHYSIOLOGY.—Yeo, Laudois, Foster, Kirke.

MATERIA MEDICA AND THERAPEUTICS.—Bartholow, Brunton, H. C. Wood, Gerrish on Prescription Writing.

PRACTICE OF MEDICINE.—Flint, Bartholow, Bristowe, Loomis, Strumpell.

PATHOLOGY.—Green, Rindfleisch's Elements, Ziegler's Text-book.

PHYSICAL DIAGNOSIS.—Flint, DaCosta, Loomis, Seifert & Muller.

DISEASES OF CHILDREN.—J. L. Smith, Vogel, West.

SURGERY.—Agnew, Gross, Erichsen, Druit, Clark.

SURGICAL PATHOLOGY.—Billroth, Paget.

MIDWIFERY.—Lusk, Playfair, Parvin, Galabin.

DISEASES OF WOMEN.—Thomas, Winckel, Skene.

MEDICAL JURISPRUDENCE.—Tyler, Ordonaux, Beck.

APPOINTMENTS AND AWARDS.

COMMENCEMENT APPOINTMENTS, 1891.

ORATIONS.

<i>Salutatory,</i>	Henry Eastman Cutts.
Jonathan Prince Cilley, Jr.,	John Roberts Horne, Jr.,
Thomas Rich Croswell,	Everett Gray Loring,
Algernon Sidney Dyer,	Henry Nelson,
Fred Ober Fish,	Harry DeForest Smith,
Charles Harris Hastings,	Charles Sias Wright.

PHILOSOPHICAL DISQUISITIONS.

Henry Smith Chapman,	Charles Vincent Minott, Jr.,
Fred Winburn Dudley,	Edward Henry Newbegin,
Samuel Hodgman Erskine,	Parker Cleaveland Newbegin,
Ralph Hudson Hunt,	Charles Edward Riley.

LITERARY DISQUISITIONS.

Arthur Taylor Brown,	Charles Stuart Fessenden Lincoln,
Lewis Albert Burleigh,	Wilbert Grant Mallett,
Fred Drew,	Alexander Peter McDonald,
Edward Nathan Goding,	Fred Eugene Parker,
Owen Eaton Hardy,	Gould Alexander Porter,
Ivory Chandler Jordan,	Bertrand Dean Ridlon,
Fred James Simonton, Jr.	

DISQUISITIONS.

Thomas Stone Burr,	Elden Philip Munsey,
John Mason Hastings,	Albert Kansas Newman,
Henry Chester Jackson,	Henry Herbert Noyes,
Henry Whiting Jarvis,	George Harris Packard,
John Francis Kelley,	Otto Clifford Scales,
George Clifton Mahoney,	Thomas Henry Tibbetts,
Angus Martin McDonald,	Frank Martain Tukey.

DISCUSSIONS.

Dennis Milliken Bangs,	Emerson Hilton,
Weston Morton Hilton.	

CLASS OF 1868 PRIZE SPEAKING.

CLASS OF 1891.

Lewis Albert Burleigh,
 Thomas Stone Burr,
 Henry Smith Chapman.

Algernon Sidney Dyer,
 Samuel Hodgman Erskine,
 Harry DeForest Smith.

JUNIOR PRIZE DECLAMATION.

CLASS OF 1892.

Frank Durgin,
 Henry Crosby Emery,
 Fred Vincent Gummer,
 John Carpenter Hull,

Theodore Studley Lazell,
 Daniel MacIntyre,
 James David Merriman,
 Charles Selwyn Rich.

SOPHOMORE PRIZE DECLAMATION.

CLASS OF 1893.

Sanford Oscar Baldwin,
 Charles Calvin Bucknam,
 Elmer Howard Carleton,
 Weston Percival Chamberlain,
 Milton Sherburne Clifford,
 Harry Clifton Fabyan,

Charles Henry Howard,
 Augustus Alphonso Hussey,
 Alley Rea Jenks,
 Clarence Webster Peabody,
 John Higgins Pierce,
 Bennie Bradford Whitcomb.

 AWARDS IN 1891.

GOODWIN PRIZE—Algernon Sidney Dyer.

CLASS OF 1868 PRIZE—Algernon Sidney Dyer.

ENGLISH COMPOSITION—Henry Smith Chapman, Algernon Sidney Dyer, first prizes; Lewis Albert Burleigh, Harry DeForest Smith, second prizes.

PRAY ENGLISH PRIZE—Algernon Sidney Dyer.

BROWN PRIZES FOR EXTEMPORANEOUS COMPOSITION—Henry Smith Chapman, first prize; Algernon Sidney Dyer, second prize.

JUNIOR DECLAMATION PRIZES—Charles Selwyn Rich, first prize; Frank Durgin, second prize.

SOPHOMORE DECLAMATION PRIZES—Clarence Webster Peabody, first prize; Alley Rea Jenks, second prize.

SEWALL LATIN PRIZE—Arthur Sewall Haggett.

SEWALL GREEK PRIZE—Arthur Sewall Haggett.

SMYTH MATHEMATICAL PRIZE—Thomas Flint Nichols, George Scott Chapin.

BROWN MEMORIAL SCHOLARSHIPS—Leon Melcher Fobes, Class of 1892; John Higgins Pierce, Class of 1893; Frank Herbert Knight, Class of 1894.

MODERN LANGUAGE PRIZES—Leon Melcher Fobes, Edgar Myrick Simpson.

HONORS IN LATIN—Percy Bartlett, Arthur Sewall Haggett.

SUMMARY.

Medical Students,	. . . . .	99
Senior Class,	. . . . .	40
Junior Class,	. . . . .	34
Sophomore Class	. . . . .	42
Freshman Class,	. . . . .	53
Special Students,	. . . . .	4
		<hr/> 173
Total,	. . . . .	<hr/>272

ABBREVIATIONS.

A. H.,	. . . . .	Appleton Hall.
M. H.,	. . . . .	Maine Hall.
W. H.,	. . . . .	Winthrop Hall.
P. S. M. I.,	. . . . .	Portland School for Medical Instruction.

CALENDAR FOR 1891-2.

1891.

- Sept. 15—First Term began, Tuesday.
Oct. 11—Sermon before Y. M. C. A., Sunday.
Dec. 17—Sophomore Prize Declamation, Thursday.
Dec. 15-18—Examinations, Tuesday to Friday.

VACATION OF TWO WEEKS.

1892.

- Jan. 5—Second Term begins, Tuesday.
Jan. 28—Day of Prayer for Colleges, Thursday.
Feb. 4—Medical Term begins, Thursday.
March 31—Senior Prize Speaking, Thursday.
March 29-April 1—Examinations, Tuesday to Friday.

VACATION OF ONE WEEK.

- April 12—Third Term begins, Tuesday.
May 31-June 3—Senior Examination, Tuesday to Friday.
June 14-17—Examinations, Tuesday to Friday.
June 19—Baccalaureate Sermon, Sunday.
June 20—Junior Prize Declamation, Monday.
June 21—Class Day, Tuesday.
June 22—Graduation Exercises of Medical School, . . . Wednesday.
June 22—Annual Meeting of the Phi Beta Kappa Society, Wednesday.
June 23—Commencement Day, Thursday.
June 23—Annual Meeting of the Alumni, Thursday.
June 24 and 25—Entrance Examinations, . . . Friday and Saturday.

VACATION OF ELEVEN WEEKS.

- Sept. 9 and 10—Entrance Examinations, . . . Friday and Saturday.
Sept. 13—First Term begins, Tuesday.

ALUMNI ASSOCIATIONS.

The General Association.

President, JAMES McKEEN, Esq.; *Vice-President*, SYLVESTER BENJAMIN CARTER, Esq.; *Secretary and Treasurer*, Mr. GEORGE T. LITTLE, Brunswick, Maine.

Association of Boston.

President, Hon. WILLIAM WHITNEY RICE, LL.D.; *Secretary*, Mr. ARTHUR TAYLOR PARKER, 46 Oliver Street, Boston, Mass.

Association of New York.

President, Gen. BENJAMIN BROWNE FOSTER; *Secretary*, Dr. FRED HENRY DILLINGHAM, 636 Lexington Avenue, New York City.

Association of Washington.

President, Hon. MELVILLE WESTON FULLER, LL.D.; *Secretary*, Mr. JAMES CHARLES STROUT, 124 E Street N. W., Washington, D. C.

Association of the Northwest.

President, LEANDER OTIS MERRIAM, A.M.; *Secretary*, JOHN O. P. WHEELWRIGHT, Esq., 420 Temple Court, Minneapolis, Minn.

Association of Portland.

President, Hon. GEORGE FREEMAN EMERY, LL.D.; *Secretary*, DAVID WILLIAM SNOW, Esq., 36 Exchange Street, Portland, Maine.

Association of Franklin County.

President, ALEXANDER HAMILTON ABBOTT, A.M.; *Secretary*, Prof. GEORGE COLBY PURINGTON, Farmington, Maine.

ALUMNI RECORD.

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the College.

Communications should be addressed to the College Librarian.

PREPARATORY SCHOOLS.

The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the College Boards. Their annual examinations are attended by committees appointed each year by the Trustees and Overseers of the College. Upon the certificate and recommendation of these committees students are admitted to the College without further examination.

FRYEBURG ACADEMY.

Incorporated February 9, 1792.

JOHN EDWARD DINSMORE, A.M., PRINCIPAL.

This school, in the Western County of Oxford, with an honorable record of nearly a century, and with a complete and competent Board of Instruction, offers three courses of study:

- I. A College Preparatory Course, of four years.
- II. An Academic Course, of four years.
- III. An English and Normal Course, of three years.

EXPENSES.

TUITION.—For Common English Studies, \$5.00; for Higher English and Penmanship, \$6.00; for Languages, Book-Keeping, and Elocution, \$7.00. Drawing, Painting, and Music are extra.

BOARD.—The cost of Board is from \$3.00 to \$4.00 a week, including fuel, lights, and washing. Rooms in private houses may be obtained at from 30 to 50 cents a week. Board in clubs, if desired, at very cheap rates.

CALENDAR.

Fall Term of 12 weeks, began September 2, 1891.

Winter Term of 12 weeks, begins December 9, 1891.

Spring Term, of 12 weeks, begins March 16, 1892.

EXAMINING COMMITTEE.

Appointed by the College for 1891.

Rev. EDWIN BONAPARTE WEBB, D.D.

ALFRED MITCHELL, A.M., M.D.

Prof. WILLIAM CRANSTON LAWTON.

WASHINGTON ACADEMY.

EAST MACHIAS, ME.

Incorporated March 7, 1792.

IVORY HOVEY ROBINSON, A.M., PRINCIPAL.

This venerable Academy, situated in the Eastern County of Washington, with a generous endowment, and under the charge of experienced teachers, offers two courses of study :

- I. A College Preparatory Course, of four years.
- II. An English Course, of three years.

EXPENSES.

TUITION.—As the income of the endowment funds pays most of the expenses of the school, the tuition fee is only \$4.00 a term, with no extra charges for languages or book-keeping.

BOARD.—The cost of board does not exceed \$3.50 a week. Rooms can be obtained, by those who wish to board themselves, at reasonable rates.

CALENDAR.

Fall Term, of 13 weeks, began September 7, 1891.

Winter Term, of 13 weeks, begins December 14, 1891.

Spring Term, of 13 weeks, begins March 21, 1892.

EXAMINING COMMITTEE.

Appointed by the College for 1891.

REV. JOHN SMITH SEWALL, D.D.

JOHN BAKEMAN REDMAN, Esq., A.M.

Prof. FRANK EDWARD WOODRUFF, A.M.